

# Morbidity and Mortality

Weekly  
Report

MAR 22 1962

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MEIrose 4-5131

For release March 23, 1962

ATLANTA 22, GEORGIA

Vol. 11, No. 11

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 17, 1962

**INFLUENZA** - Small outbreaks of influenza-like disease have been reported from Maine. They undoubtedly represent the delayed extension of Influenza B into the northern part of the State. A recent report from Puerto Rico indicates that outbreaks of Influenza B occurred there this season.

New confirmations of Influenza B have been reported from Arkansas and Kentucky. The total number of States confirming Influenza B this season is 38.

Six hundred and twenty-eight pneumonia and influenza deaths were reported by the 108 cities during the week ending March 17 - an increase of 28 deaths over the preceding week. The rise was due mainly to increases above epidemic thresholds in the New England and East North Central States.

**HEPATITIS** - A total of 1,219 cases of viral hepatitis were reported for the week ending March 17, 1962. This continues the decline noted during the last four weeks.

**POLIOMYELITIS** - The two paralytic cases reported this week are from Louisiana and Ohio. Both patients are pre-school age children with onsets in late February.

The Ohio patient had received two doses of inactivated polio vaccine during 1960, Type I oral polio vaccine in October 1961, and Type II in mid-February 1962. Type III poliovirus has been isolated from a stool specimen.

(Credit for this report is due State Epidemiologists and State Laboratories.)

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous week)

Disease	11th Week			Cumulative		
	Ended	Ended	Median 1957 - 1961	First 11 weeks		Median 1957 - 1961
	March 17, 1962	March 18, 1961		1962	1961	
Aseptic meningitis.....	17	31	---	178	248	---
Brucellosis.....	4	14	14	62	104	139
Diphtheria.....	13	12	10	123	186	200
Encephalitis, infectious.....	18	37	24	269	268	255
Hepatitis, infectious and serum.....	1,219	1,900	617	15,524	19,251	6,140
Measles.....	17,654	13,733	17,106	129,899	121,126	136,793
Meningococcal infections.....	51	44	50	562	543	613
Poliomyelitis, total.....	2	11	11	70	91	188
Paralytic.....	2	9	9	43	52	135
Nonparalytic.....	-	2	2	10	21	30
Unspecified.....	-	-	-	17	18	23
Streptococcal sore throat and Scarlet fever.....	9,665	10,025	---	96,640	105,999	---
Tetanus.....	2	---	---	24	---	---
Tularemia.....	4	---	---	54	---	---
Typhoid fever.....	11	10	15	91	93	111
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	---	---	3	---	---
Rabies in Animals.....	130	65	106	798	683	914

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:  
Botulism:  
Malaria: Conn. - 1  
Plague:

Psittacosis: Wis. - 1, Minn. - 1, Calif. - 1  
Rabies in Man:  
Smallpox:  
Typhus, murine:

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## SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

February 1961 and February 1962

The table below presents reported cases of Primary and Secondary Syphilis for February 1961 and 1962 and cumulative totals for the two years.

Primary and Secondary Syphilis cases increased steadily each year from the 6,576 cases reported in 1957 to the 19,850 cases reported in 1961. It appears now that a leveling off of cases has occurred, and if the present level continues, approximately the same number of cases will be reported in 1962 as in 1961.

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area for February 1962 and for February 1961 -- Provisional Data

Reporting Area	February		Cumulative		Reporting Area	February		Cumulative	
	1962	1961	1962	1961		1962	1961	1962	1961
NEW ENGLAND.....	30	46	115	92	EAST SOUTH CENTRAL.....	113	106	190	212
Maine.....	0	0	3	0	Kentucky.....	12	14	23	28
New Hampshire.....	2	1	2	2	Tennessee.....	31	45	53	90
Vermont.....	0	1	0	2	Alabama.....	59	36	99	72
Massachusetts.....	26	32	69	64	Mississippi.....	11	11	15	22
Rhode Island.....	1	2	5	4	WEST SOUTH CENTRAL.....	206	256	435	512
Connecticut.....	21	10	36	20	Arkansas.....	7	26	18	52
MIDDLE ATLANTIC.....	411	486	905	972	Louisiana.....	94	111	192	222
Upstate New York.....	61	44	101	88	Oklahoma.....	4	6	12	12
New York City.....	196	309	470	618	Texas.....	101	113	213	226
Pa. (Excl. Phila.).....	10	13	24	26	MOUNTAIN.....	28	21	59	42
Philadelphia.....	60	42	122	84	Montana.....	0	0	0	0
New Jersey.....	84	78	188	156	Idaho.....	0	2	1	4
EAST NORTH CENTRAL.....	141	137	280	274	Wyoming.....	0	0	0	0
Ohio.....	22	14	35	28	Colorado.....	6	2	8	4
Indiana.....	1	6	13	12	New Mexico.....	2	3	12	6
Downstate Illinois.....	14	11	32	22	Arizona.....	18	14	31	28
Chicago.....	79	72	138	144	Utah.....	1	0	2	0
Michigan.....	20	26	48	52	Nevada.....	1	0	5	0
Wisconsin.....	5	8	14	16	PACIFIC.....	134	161	289	322
WEST NORTH CENTRAL.....	26	30	59	60	Washington.....	1	11	6	22
Minnesota.....	3	10	9	20	Oregon.....	4	4	8	8
Iowa.....	0	1	2	2	California.....	125	146	271	292
Missouri.....	11	13	22	26	Alaska.....	2	0	2	0
North Dakota.....	1	1	1	2	Hawaii.....	2	0	2	0
South Dakota.....	4	1	10	2	U. S. TOTAL.....	1,633	1,640	3,299	3,280
Nebraska.....	1	1	3	2	TERRITORIES.....	34	27	75	54
Kansas.....	6	3	12	6	Puerto Rico.....	31	26	69	52
SOUTH ATLANTIC.....	324	397	967	794	Virgin Islands.....	3	1	6	2
Delaware.....	2	1	11	2					
Maryland.....	46	46	107	92					
District of Columbia.....	59	40	120	80					
Virginia.....	28	36	72	72					
West Virginia.....	4	2	9	4					
North Carolina.....	86	40	141	80					
South Carolina.....	54	51	108	102					
Georgia.....	83	93	142	186					
Florida.....	162	88	257	176					

Note: Monthly figures for 1961 are estimated from quarterly reports.  
Cumulative Totals include revised and delayed reports through previous months.

## EPIDEMIOLOGICAL REPORT

## Diphtheria - Alaska

An outbreak of diphtheria, extending over a period of 14 months and occurring primarily among adults, has been reported from Ketchikan, Alaska. Cases and carriers with one exception were all closely associated with three of the local bars. These represent the first cases of diphtheria reported in Ketchikan for 17 years; all have been mild and responded rapidly to treatment.

The first case occurred in a 13-year-old white male early in December of 1960. After a sore throat of 10 days' duration, he was hospitalized; a throat culture was positive of toxigenic *C. diphtheriae*. He had not received diphtheria immunizations. Cultures of all contacts were negative. The patient's parents owned and operated a bar, (Bar A), in Ketchikan, but lived 6 miles south of the town.

The second case occurred in a 30-year-old white male bartender at Bar B, who became ill with a severe sore throat in February 1961. After a week of self-imposed rest, he was seen by a physician who treated him and obtained a throat culture. After several days, the patient improved and left to join a lumber crew in an outlying camp. Subsequently, his throat culture was found to be positive for toxigenic *C. diphtheriae*. The public health nurse flew to the camp to immunize the remainder of the

crew and returned him to the hospital where repeat cultures were positive.

The third patient, a 30-year-old white housewife, became ill on June 22, 1961. A throat culture taken the following day was confirmed as toxigenic *C. diphtheriae*. This patient had had no contact with bars nor had her husband. No other probable contact was found, and cultures of family and neighborhood contacts were negative.

The fourth patient was a 50-year-old white woman, who with her husband, owns and operates Bar C. She developed symptoms of diphtheria on January 11, 1962. A culture taken on January 18 was positive for toxigenic *C. diphtheriae mitis*.

None of the four patients described had ever had diphtheria immunizations. Only the fourth case gave any history of direct exposure to a person with symptoms compatible with diphtheria. This patient had been frequently exposed to a 45-year-old patron of Bar C, who had been nursing a sore throat since November 1961, but whose culture was not confirmed as toxigenic *C. diphtheriae*. It is of interest, however, that a 31-year-old bartender at Bar C during this period had previously worked at Bar B with case No. 2, at the time the latter developed diphtheria in February 1961. Repeated throat cultures of this bartender and his contacts were, however, all negative.

(Continued on page 88)

**HEPATITIS** - Since April 1961, the number of hepatitis cases among those under 20 years of age and for those 20 years and over has been reported weekly by most States. Reported cases by week for these age groups is depicted in the accompanying graph. The number of cases for those under 20 shows a wide seasonal variation with a low in late summer and a peak in early January. Cases among those 20 years of age and over generally fluctuate within a relatively narrow range.

Although the hepatitis case curve for adults reflects to some degree fluctuations in the case curve for those under 20, the correspondence is not striking. It would seem that, if the child-to-adult route of transmission is primary in the occurrence of adult cases, a more evident parallel between the two curves would be expected. More detailed epidemiologic data regarding adult hepatitis cases is clearly needed.

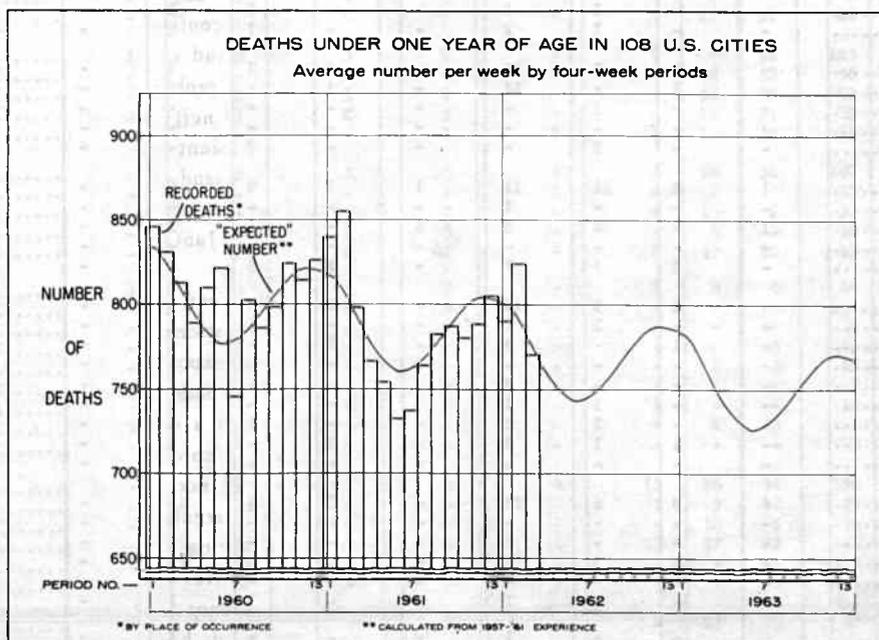


**INFANT DEATHS IN 108 UNITED STATES CITIES**

During the four-week period ending March 17th the number of deaths among infants under one year of age decreased to the expected level. The average number per week was 770.0 in comparison to an expected number of 774.5. However, there was marked variation within the period - an increase of 118 deaths (17 percent) from the first to the second week of the period with a decline to normal at the end of the period.

Total Deaths Under One Year of Age Recorded in 108 Cities

	WEEK ENDING				4-Week Total	Weekly Average
	2/24	3/3	3/10	3/17		
Observed	692	810	808	770	3,080	770.0
Expected	781	777	773	767	3,098	774.5
Excess	-89	33	35	3	-18	-4.5



(See Table, page 87)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED

MARCH 18, 1961 AND MARCH 17, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	11th week		Cumulative First 11 weeks		11th week		Cumulative First 11 weeks		11th week		11th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	2	11	70	91	2	9	43	52	-	2	17	31
NEW ENGLAND.....	-	-	-	2	-	-	-	2	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	1	-	-	-	1	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	-	1	28	5	-	1	15	4	-	-	2	6
New York.....	-	-	28	3	-	-	15	2	-	-	-	-
New Jersey.....	-	1	-	2	-	1	-	2	-	-	-	6
Pennsylvania.....	-	-	-	-	-	-	-	-	-	-	2	-
EAST NORTH CENTRAL.....	1	1	7	14	1	-	5	8	-	1	1	1
Ohio.....	1	-	4	7	1	-	4	3	-	-	-	-
Indiana.....	-	-	2	1	-	-	1	1	-	-	-	-
Illinois.....	-	-	1	2	-	-	-	2	-	-	-	1
Michigan.....	-	-	-	1	-	-	-	1	-	-	1	-
Wisconsin.....	-	1	-	3	-	-	-	1	-	1	-	-
WEST NORTH CENTRAL.....	-	1	4	2	-	1	-	2	-	-	-	2
Minnesota.....	-	-	-	1	-	-	-	1	-	-	-	1
Iowa.....	-	-	2	-	-	-	-	-	-	-	-	1
Missouri.....	-	-	2	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	1	-	1	-	1	-	1	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	-	5	9	-	-	5	6	-	-	3	1
Delaware.....	-	-	-	1	-	-	-	1	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	-	-	-	-	-	-	-	1	-
Virginia.....	-	-	1	-	-	-	1	-	-	-	-	1
West Virginia.....	-	-	-	2	-	-	-	1	-	-	-	-
North Carolina.....	-	-	1	3	-	-	1	2	-	-	-	-
South Carolina.....	-	-	1	-	-	-	1	-	-	-	-	-
Georgia.....	-	-	1	1	-	-	1	1	-	-	-	-
Florida.....	-	-	1	2	-	-	1	1	-	-	2	-
EAST SOUTH CENTRAL.....	-	1	3	12	-	1	2	1	-	-	1	9
Kentucky.....	-	1	-	12	-	1	-	1	-	-	-	3
Tennessee.....	-	-	1	-	-	-	-	-	-	-	-	3
Alabama.....	-	-	-	-	-	-	-	-	-	-	-	1
Mississippi.....	-	-	2	-	-	-	2	-	-	-	1	2
WEST SOUTH CENTRAL.....	1	2	11	11	1	1	9	5	-	1	1	3
Arkansas.....	-	-	-	1	-	-	-	-	-	-	-	-
Louisiana.....	1	-	4	3	1	-	4	2	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	-	2	7	7	-	1	5	3	-	1	1	3
MOUNTAIN.....	-	2	6	15	-	2	3	9	-	-	2	2
Montana.....	-	-	2	1	-	-	1	1	-	-	-	-
Idaho.....	-	1	-	3	-	1	-	1	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	3	-	-	2	2
New Mexico.....	-	-	1	1	-	-	-	-	-	-	-	-
Arizona.....	-	-	2	2	-	-	2	1	-	-	-	-
Utah.....	-	1	1	5	-	1	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	-	3	6	21	-	3	4	15	-	-	7	7
Washington.....	-	-	-	-	-	-	-	-	-	-	-	1
Oregon.....	-	-	-	2	-	-	-	1	-	-	-	-
California.....	-	3	5	18	-	3	3	13	-	-	7	6
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	1	1	-	-	1	1	-	-	-	-
Puerto Rico.....	-	-	-	1	-	-	-	1	-	-	4	-

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
MARCH 18, 1961 AND MARCH 17, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, infectious and serum				Measles	
	11th week	Cumulative 11 weeks	11th week	Cumulative 11 weeks	11th week		11th week				11th week	
							Under 20 yr.	20 & over	Total	Total		
							1962	1962	1962	1961		
UNITED STATES.....	4	62	13	123	18	37	687	461	1,219	1,900	17,654	13,733
NEW ENGLAND.....	-	-	-	-	-	2	38	32	72	43	1,975	1,236
Maine.....	-	-	-	-	-	1	13	6	19	2	262	10
New Hampshire.....	-	-	-	-	-	-	5	9	15	4	49	55
Vermont.....	-	-	-	-	-	-	5	1	6	3	22	17
Massachusetts.....	-	-	-	-	-	-	11	13	24	13	1,027	587
Rhode Island.....	-	-	-	-	-	-	-	-	-	10	144	384
Connecticut.....	-	-	-	-	-	1	4	3	8	11	471	183
MIDDLE ATLANTIC.....	-	1	1	1	9	8	70	77	147	313	3,130	2,879
New York.....	-	-	1	1	3	6	27	37	64	111	1,840	1,286
New Jersey.....	-	-	-	-	-	1	16	21	37	105	919	520
Pennsylvania.....	-	1	-	-	6	1	27	19	46	97	371	1,073
EAST NORTH CENTRAL.....	1	19	-	2	1	2	185	96	285	322	1,545	3,543
Ohio.....	-	-	-	-	-	2	59	27	88	107	207	762
Indiana.....	-	1	-	1	-	-	17	6	23	73	269	182
Illinois.....	1	16	-	-	1	-	33	15	49	52	438	456
Michigan.....	-	-	-	1	-	-	74	45	119	72	479	758
Wisconsin.....	-	2	-	-	-	-	2	3	6	18	152	1,385
WEST NORTH CENTRAL.....	1	28	4	20	1	-	46	33	90	163	960	519
Minnesota.....	-	3	3	6	-	-	19	9	34	57	18	6
Iowa.....	1	16	-	1	-	-	10	12	25	40	676	154
Missouri.....	-	1	-	-	-	-	9	5	16	23	129	229
North Dakota.....	-	-	-	-	-	-	1	2	3	3	88	104
South Dakota.....	-	1	-	3	-	-	-	1	1	2	47	-
Nebraska.....	-	3	1	9	-	-	1	-	1	26	2	26
Kansas.....	-	4	-	1	1	-	6	4	10	12	NN	NN
SOUTH ATLANTIC.....	-	5	-	23	1	7	88	46	137	259	1,249	1,613
Delaware.....	-	-	-	-	-	-	-	-	-	1	8	99
Maryland.....	-	-	-	-	-	-	17	11	28	28	142	110
District of Columbia..	-	-	-	1	-	-	1	2	3	4	48	6
Virginia.....	-	1	-	4	-	2	14	11	26	33	445	404
West Virginia.....	-	-	-	-	-	1	9	2	12	42	298	214
North Carolina.....	-	2	-	3	-	1	26	9	35	80	14	319
South Carolina.....	-	-	-	2	1	-	3	1	4	6	29	126
Georgia.....	-	1	-	4	-	-	7	-	7	43	10	12
Florida.....	-	1	-	9	-	3	11	10	22	22	255	323
EAST SOUTH CENTRAL.....	1	3	3	8	1	1	100	41	145	320	1,973	875
Kentucky.....	-	-	-	-	-	-	40	12	56	107	529	364
Tennessee.....	-	2	1	4	-	-	33	16	49	127	1,235	441
Alabama.....	1	1	2	3	-	-	14	11	25	46	57	19
Mississippi.....	-	-	-	1	1	1	13	2	15	40	152	51
WEST SOUTH CENTRAL.....	-	3	3	53	1	1	68	34	107	138	3,337	695
Arkansas.....	-	-	-	1	1	-	12	5	17	25	37	190
Louisiana.....	-	-	1	7	-	-	15	2	17	17	38	4
Oklahoma.....	-	-	1	3	-	-	4	4	10	8	97	1
Texas.....	-	3	1	42	-	1	37	23	63	88	3,165	500
MOUNTAIN.....	1	1	-	7	-	1	8	8	46	179	577	702
Montana.....	-	-	-	6	-	-	-	-	-	10	163	75
Idaho.....	-	-	-	-	-	-	-	-	7	13	21	47
Wyoming.....	-	-	-	-	-	-	-	1	1	23	-	7
Colorado.....	-	-	-	-	-	-	2	4	15	61	234	87
New Mexico.....	-	-	-	1	-	-	2	-	2	12	NN	NN
Arizona.....	-	-	-	-	-	1	-	-	12	22	86	435
Utah.....	1	1	-	-	-	-	4	3	7	31	73	45
Nevada.....	-	-	-	-	-	-	-	-	2	7	-	6
PACIFIC.....	-	2	2	9	4	15	84	94	190	163	2,908	1,671
Washington.....	-	-	-	-	-	2	9	12	23	14	1,188	223
Oregon.....	-	-	-	-	-	-	18	9	29	31	600	117
California.....	-	2	2	4	4	13	57	72	130	114	1,101	1,328
Alaska.....	-	-	-	5	-	-	-	-	7	3	6	1
Hawaii.....	-	-	-	-	-	-	-	1	1	1	13	2
Puerto Rico.....	-	-	1	8	-	-	27	5	32	31	139	16

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED

MARCH 18, 1961 AND MARCH 17, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	11th wk.	Cumulative 11 weeks	11th week		11th wk.	11th wk.	11th wk.	11th wk.	Cumulative 11 weeks	11th week		Cumulative 11 weeks
			1962	1961						1962	1961	
UNITED STATES....	51	562	9,665	10,025	2	-	4	11	91	130	65	798
NEW ENGLAND.....	2	35	657	761	-	-	-	-	2	-	-	-
Maine.....	-	6	42	9	-	-	-	-	1	-	-	-
New Hampshire.....	-	1	-	25	-	-	-	-	-	-	-	-
Vermont.....	-	-	38	21	-	-	-	-	-	-	-	-
Massachusetts.....	-	14	120	248	-	-	-	-	1	-	-	-
Rhode Island.....	-	4	23	89	-	-	-	-	-	-	-	-
Connecticut.....	2	10	434	369	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC....	9	88	627	1,251	-	-	-	1	12	-	-	19
New York.....	4	41	382	718	-	-	-	1	6	-	-	10
New Jersey.....	5	19	106	259	-	-	-	-	4	-	-	-
Pennsylvania.....	-	28	139	274	-	-	-	-	2	-	-	9
EAST NORTH CENTRAL..	12	117	998	1,267	-	-	-	-	12	35	5	116
Ohio.....	3	37	99	350	-	-	-	-	4	23	2	38
Indiana.....	3	12	181	181	-	-	-	-	-	-	9	52
Illinois.....	2	19	199	215	-	-	-	-	3	2	2	15
Michigan.....	4	43	277	273	-	-	-	-	3	1	1	6
Wisconsin.....	-	6	242	248	-	-	-	-	2	-	-	5
WEST NORTH CENTRAL..	3	28	337	321	-	-	1	1	4	28	12	255
Minnesota.....	1	3	20	23	-	-	-	-	-	6	-	43
Iowa.....	-	5	116	58	-	-	-	-	-	11	7	116
Missouri.....	-	9	18	20	-	-	-	1	3	5	5	40
North Dakota.....	-	1	45	99	-	-	-	-	-	1	-	20
South Dakota.....	-	1	-	7	-	-	-	-	-	4	-	32
Nebraska.....	-	3	1	1	-	-	-	-	1	-	-	3
Kansas.....	2	6	137	113	-	-	1	-	-	1	-	1
SOUTH ATLANTIC.....	9	90	663	797	1	-	-	3	14	8	9	63
Delaware.....	2	10	4	10	-	-	-	-	-	-	-	-
Maryland.....	-	4	46	59	-	-	-	-	2	-	-	1
Dist. of Columbia..	-	5	3	4	-	-	-	-	1	-	-	-
Virginia.....	2	21	226	242	1	-	-	1	3	2	5	32
West Virginia.....	1	6	142	247	-	-	-	1	1	4	3	17
North Carolina.....	3	22	60	65	-	-	-	-	-	-	-	-
South Carolina.....	-	4	32	21	-	-	-	-	1	-	-	-
Georgia.....	-	6	-	6	-	-	-	1	3	-	1	1
Florida.....	1	12	150	143	-	-	-	-	3	2	-	12
EAST SOUTH CENTRAL..	3	40	1,641	1,464	1	-	1	2	7	25	8	121
Kentucky.....	1	10	256	306	-	-	-	-	2	5	3	33
Tennessee.....	1	19	1,285	1,138	-	-	-	-	2	19	5	84
Alabama.....	1	6	-	6	-	-	-	2	3	1	-	4
Mississippi.....	-	5	100	14	1	-	1	-	-	-	-	-
WEST SOUTH CENTRAL..	2	53	1,117	1,126	-	-	1	1	27	29	15	169
Arkansas.....	-	6	2	8	-	-	-	-	2	1	6	27
Louisiana.....	1	22	4	11	-	-	1	1	9	-	3	6
Oklahoma.....	-	4	23	36	-	-	-	-	3	2	-	7
Texas.....	1	21	1,088	1,071	-	-	-	-	13	26	6	129
MOUNTAIN.....	1	19	1,614	2,046	-	-	1	-	5	-	3	8
Montana.....	1	2	51	105	-	-	-	-	1	-	-	-
Idaho.....	-	3	148	141	-	-	-	-	-	-	-	-
Wyoming.....	-	2	101	121	-	-	-	-	1	-	-	-
Colorado.....	-	3	674	579	-	-	-	-	-	-	2	-
New Mexico.....	-	-	339	654	-	-	-	-	2	-	-	5
Arizona.....	-	6	176	246	-	-	-	-	1	-	1	3
Utah.....	-	-	123	198	-	-	1	-	-	-	-	-
Nevada.....	-	3	2	2	-	-	-	-	-	-	-	-
PACIFIC.....	10	92	2,011	992	-	-	-	3	8	5	13	47
Washington.....	-	7	853	374	-	-	-	-	-	-	-	-
Oregon.....	1	11	38	102	-	-	-	-	-	-	1	-
California.....	9	70	1,101	472	-	-	-	1	6	5	8	47
Alaska.....	-	4	5	35	-	-	-	-	2	-	4	-
Hawaii.....	-	-	14	9	-	-	-	-	-	-	-	-
Puerto Rico.....	-	4	4	7	1	-	-	-	-	2	2	5

# Morbidity and Mortality Weekly Report

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Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.°

Area	For weeks ending				Area	For weeks ending			
	2/24	3/3	3/10	3/17		2/24	3/3	3/10	3/17
<b>NEW ENGLAND:</b>					<b>SOUTH ATLANTIC:</b>				
Boston, Mass.....	14	15	11	16	Atlanta, Ga.....	21	9	14	16
Bridgeport, Conn.....	2	0	3	3	Baltimore, Md.....	18	21	26	17
Cambridge, Mass.....	0	1	0	0	Charlotte, N.C.....	4	8	7	1
Fall River, Mass.....	1	4	0	1	Jacksonville, Fla.....	6	10	5	4
Hartford, Conn.....	4	3	12	5	Miami, Fla.....	3	1	2	8
Lowell, Mass.....	0	2	2	2	Norfolk, Va.....	5	7	6	7
Lynn, Mass.....	1	0	0	0	Richmond, Va.....	3	1	10	2
New Bedford, Mass.....	2	3	1	0	Savannah, Ga.....	2	2	3	3*
New Haven, Conn.....	0	0	2	3	St. Petersburg, Fla.....	0	2	1	2
Providence, R.I.....	4	5	7	6	Tampa, Fla.....	8	3	6	3
Somerville, Mass.....	1	1	2	0	Washington, D.C.....	8	31	8	13
Springfield, Mass.....	2	1	2	2	Wilmington, Del.....	3	4	0	1
Waterbury, Conn.....	1	3	2	1					
Worcester, Mass.....	2	3	2	1	<b>EAST SOUTH CENTRAL:</b>				
<b>MIDDLE ATLANTIC:</b>					Birmingham, Ala.....	6	4	9	9
Albany, N.Y.....	5	7	3	1	Chattanooga, Tenn.....	3	8	5	2
Allentown, Pa.....	2	2	2	4	Knoxville, Tenn.....	1	5	3	4
Buffalo, N.Y.....	11	8	11	12	Louisville, Ky.....	8	8	20	10
Camden, N.J.....	0	5	4	5	Memphis, Tenn.....	10	11	15	18
Elizabeth, N.J.....	1	1	1	3	Mobile, Ala.....	2	6	2	4
Erie, Pa.....	3	2	4	1	Montgomery, Ala.....	3	3	2	3
Jersey City, N.J.....	7	4	4	4	Nashville, Tenn.....	8	5	10	12
Newark, N.J.....	7	7	12	5	<b>WEST SOUTH CENTRAL:</b>				
New York City, N.Y.....	100	84	76	96	Austin, Tex.....	1	0	3	1
Paterson, N.J.....	5	3	2	1	Baton Rouge, La.....	2	8	5	5
Philadelphia, Pa.....	20	41	69	17	Corpus Christi, Tex.....	4	2	5	2
Pittsburgh, Pa.....	3	4	26	2	Dallas, Tex.....	11	11	4	6
Reading, Pa.....	2	3	0	0	El Paso, Tex.....	7	14	4	5
Rochester, N.Y.....	8	7	6	5	Fort Worth, Tex.....	3	4	5	8
Schenectady, N.Y.....	0	0	2	2	Houston, Tex.....	12	12	15	15
Scranton, Pa.....	0	1	1	1	Little Rock, Ark.....	3	7	2	3
Syracuse, N.Y.....	1	4	4	8	New Orleans, La.....	16	14	15	11
Trenton, N.J.....	3	3	3	1	Oklahoma City, Okla.....	4	6	0	7
Utica, N.Y.....	0	0	1	3	San Antonio, Tex.....	7	6	11	9
Yonkers, N.Y.....	1	1	1	2	Shreveport, La.....	7	8	4	7
					Tulsa, Okla.....	5	5	3	3
<b>EAST NORTH CENTRAL:</b>					<b>MOUNTAIN:</b>				
Akron, Ohio.....	8	3	2	8	Albuquerque, N. Mex.....	4	1	2	3
Canton, Ohio.....	0	3	2	3	Colorado Springs, Colo...	2	0	2	3
Chicago, Ill.....	36	49	49	39	Denver, Colo.....	14	10	4	22
Cincinnati, Ohio.....	5	8	8	3	Ogden, Utah.....	2	1	1	2
Cleveland, Ohio.....	13	15	23	21	Phoenix, Ariz.....	5	10	5	5
Columbus, Ohio.....	6	2	3	10	Pueblo, Colo.....	6	1	2	1
Dayton, Ohio.....	2	8	9	4	Salt Lake City, Utah.....	3	6	2	6
Detroit, Mich.....	20	26	23	32	Tucson, Ariz.....	0	1	3	4
Evansville, Ind.....	2	1	1	0	<b>PACIFIC:</b>				
Flint, Mich.....	7	3	3	5	Berkeley, Calif.....	0	2	2	0
Fort Wayne, Ind.....	5	1	5	2	Fresno, Calif.....	4	1	6	6
Gary, Ind.....	0	4	1	1	Glendale, Calif.....	0	0	0	0
Grand Rapids, Mich.....	1	5	2	7	Honolulu, Hawaii.....	1	6	7	7
Indianapolis, Ind.....	10	12	5	12	Long Beach, Calif.....	2	6	1	3*
Madison, Wis.....	2	8	3	4	Los Angeles, Calif.....	22	39	36	26
Milwaukee, Wis.....	6	13	9	8	Oakland, Calif.....	4	3	8	5
Peoria, Ill.....	6	3	1	0	Pasadena, Calif.....	1	1	2	1
Rockford, Ill.....	2	2	3	3	Portland, Oreg.....	5	4	8	8
South Bend, Ind.....	0	3	4	2	Sacramento, Calif.....	4	3	7	4
Toledo, Ohio.....	3	5	6	3	San Diego, Calif.....	5	9	7	9
Youngstown, Ohio.....	5	4	4	3	San Francisco, Calif.....	4	21	7	8
<b>WEST NORTH CENTRAL:</b>					San Jose, Calif.....	4	3	4	2
Des Moines, Iowa.....	0	7	0	4	Seattle, Wash.....	6	6	13	8
Duluth, Minn.....	3	2	1	3	Spokane, Wash.....	5	3	2	3
Kansas City, Kans.....	5	1	3	7	Tacoma, Wash.....	2	3	4	3
Kansas City, Mo.....	10	6	6	11					
Lincoln, Neb.....	2	4	0	2	San Juan, P.R.....	4	4	4	6
Minneapolis, Minn.....	10	13	4	5					
Omaha, Neb.....	4	7	4	5					
St. Louis, Mo.....	12	21	9	22					
St. Paul, Minn.....	9	3	4	7					
Wichita, Kans.....	3	2	4	0					

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.....	12,431
4(B) Pneumonia-Influenza Deaths, all ages.....	628
4(C) Total Deaths under 1 Year of Age.....	770
4(D) Total Deaths, Persons 65 years and over.....	7,144

\*Estimate - based on average percent of divisional total.  
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

In February of 1961, during an intensive investigation, all contacts of the known cases were re-cultured, and a culture survey was done on patrons of the bars. A positive culture for toxigenic *C. diphteriae* was obtained from an asymptomatic 47-year-old native woman, a frequent patron of Bar C, who had been immunized at age 11. Five days later, during the last week of February, a positive culture was obtained from another woman, who had been under treatment for a non-specific pharyngitis, and who also frequented Bar C. Contacts of these two patients have all been cultured with negative results.

Since January 1, adult immunization clinics have been held, with approximately one-fourth of the adult population having been immunized to date. Culture surveys of these groups have not revealed any additional cases or carriers.

(Reported by Dr. E. O. Wicks, State Health Director, Alaska Department of Health and Welfare; Dr. A. N. Wilson, City Health Officer, Ketchikan, Alaska; and an EIS Officer from the Communicable Disease Center.)

## INTERNATIONAL NOTES - QUARANTINE MEASURES

### Epidemic Smallpox - Western Europe

During the past three months, there were seven importations of smallpox into cities of Great Britain and Germany. The infected travelers came from Liberia, Pakistan, or India. These three areas are foci of smallpox endemicity, and all three experienced sharp upswings in reported incidence of the disease in late 1961. Secondary and tertiary spread has occurred with a total of 63 cases and 12 deaths thus far. Below are listed details of each importation:

IMPORTED CASE						
Place of Occurrence	Place of Exposure	Date of Arrival	Date of Onset of Symptoms	Secondary Cases*	Tertiary Cases*	Deaths
Germany, Dusseldorf	Liberia	12-2-61	12-13-61	3	1	2
Switzerland, Schaffhausen				1		
England, Bradford	Pakistan	12-16-61	12-23-61	10	4	6
England, Birmingham	Pakistan	12-19-61	12-18-61	1	0	0
England, London	Pakistan	12-25-61	12-25-61	2	0	1
England, Birmingham	Pakistan	1-4-62	1-13-62	0	0	0
Wales, Cardiff	Pakistan	1-11-62	1-13-62			
Glamorganshire, Llantrissant Rural District				1		
Rhondda Urban District				1	6	2
Germany, Munchen	India	1-23-62	2-8-62	9	16	1
Kreis Aachen					1	

\* Provisional categorization of secondary and tertiary cases on basis of available information.

### Sweden - Karlstroma

The suspected case of smallpox reported March 16, 1962, has been removed from the suspect category and is not smallpox.

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